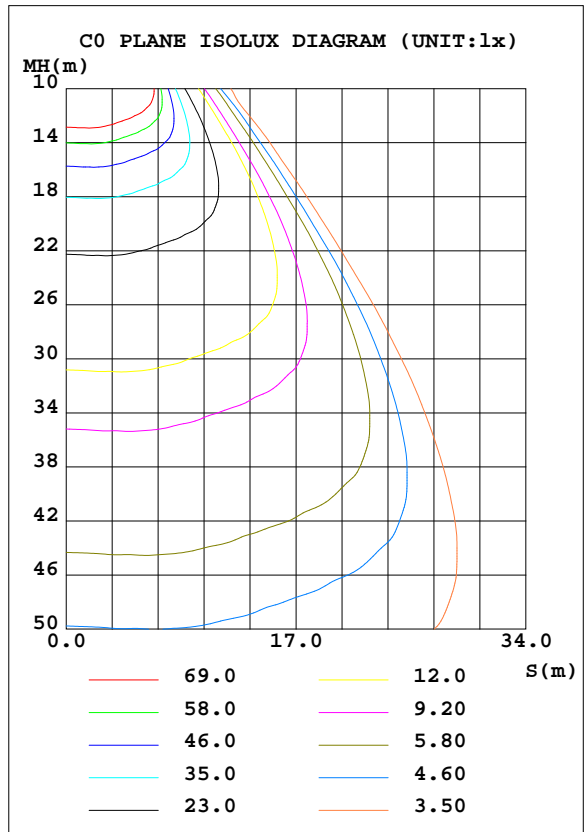
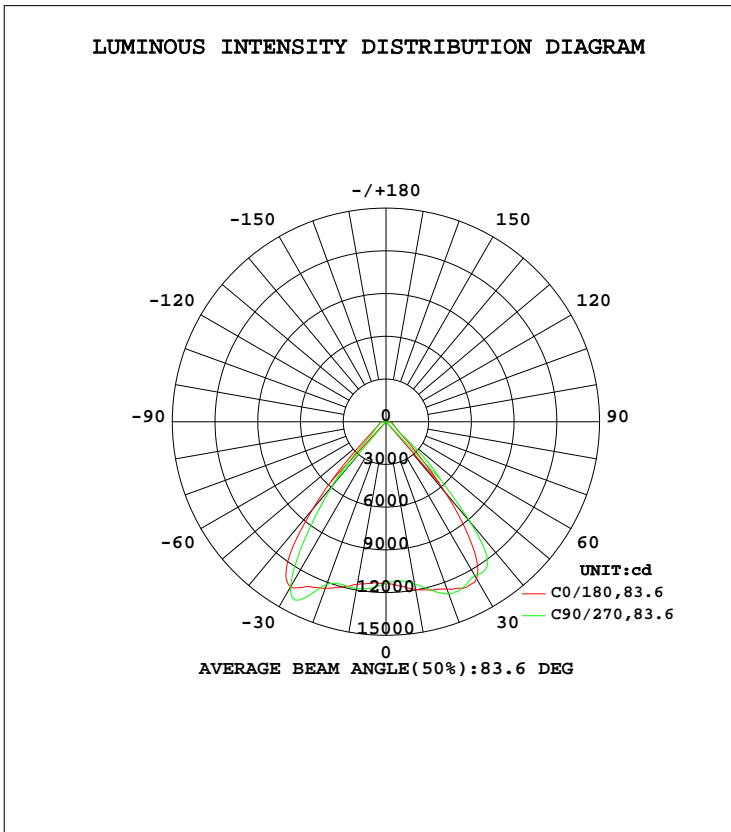


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:25448x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.24 lm/W			
MODEL	YWFLA3-200	Imax(cd)	15604	S/MH(C0/180)	1.25
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	24659	η UP, DN(C0-180)	0.1,50.7
NOMINAL FLUX(lm)	25448	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,49.1
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	99.8	CIBSE SHR MAX	0.80



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1196	1165	1156	1146	1160	1186	1189	1206	0- 10	1104	1104	4.48,4.48
20	1250	1249	1286	1254	1244	1245	1215	1289	10- 20	3443	4548	18.4,18.4
30	1271	1360	1250	1324	1339	1481	1342	1544	20- 30	6121	10669	43.3,43.3
40	648.0	1189	922.2	1234	805.8	900.2	585.0	828.1	30- 40	7458	18127	73.5,73.5
50	142.9	370.2	177.9	430.1	174.8	242.0	126.5	236.4	40- 50	3912	22039	89.4,89.4
60	75.53	98.58	70.31	108.9	77.74	96.15	72.00	97.39	50- 60	1251	23291	94.5,94.5
70	53.81	46.28	47.50	46.94	53.49	48.15	51.18	49.87	60- 70	675.1	23966	97.2,97.2
80	45.39	27.15	35.57	26.57	44.71	25.94	40.33	28.79	70- 80	407.3	24373	98.8,98.8
90	6.649	3.907	1.389	0.2857	1.451	3.003	2.813	5.559	80- 90	224.6	24598	99.8,99.8
100	0.1153	0.1012	0.0873	0.3090	0.1374	0.3959	0.1236	0.2459	90-100	2.775	24600	99.8,99.8
110	0.1729	0.1085	0.0873	0.1089	0.2088	0.1960	0.1672	0.2546	100-110	3.133	24604	99.8,99.8
120	0.2867	0.2172	0.0873	0.1879	0.4113	0.4645	0.2983	0.7120	110-120	2.133	24606	99.8,99.8
130	0.9795	0.9258	0.5731	0.7553	0.9877	0.8706	0.6985	1.199	120-130	5.010	24611	99.8,99.8
140	2.196	1.963	1.701	1.805	1.758	1.393	1.551	1.882	130-140	9.918	24621	99.8,99.8
150	2.974	2.985	2.784	2.882	2.407	2.082	2.392	2.513	140-150	13.86	24634	99.9,99.9
160	3.119	3.176	3.132	3.014	2.904	2.574	2.690	2.782	150-160	12.96	24647	100,100
170	3.480	3.364	3.453	3.435	3.026	2.966	2.981	3.094	160-170	8.590	24656	100,100
180	3.717	3.473	3.244	3.443	3.581	3.379	3.257	3.334	170-180	3.168	24659	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 20615 lm

%lum = 83.6%
%lamp = 83.6%

Conical surface Flux(120deg): 23291 lm

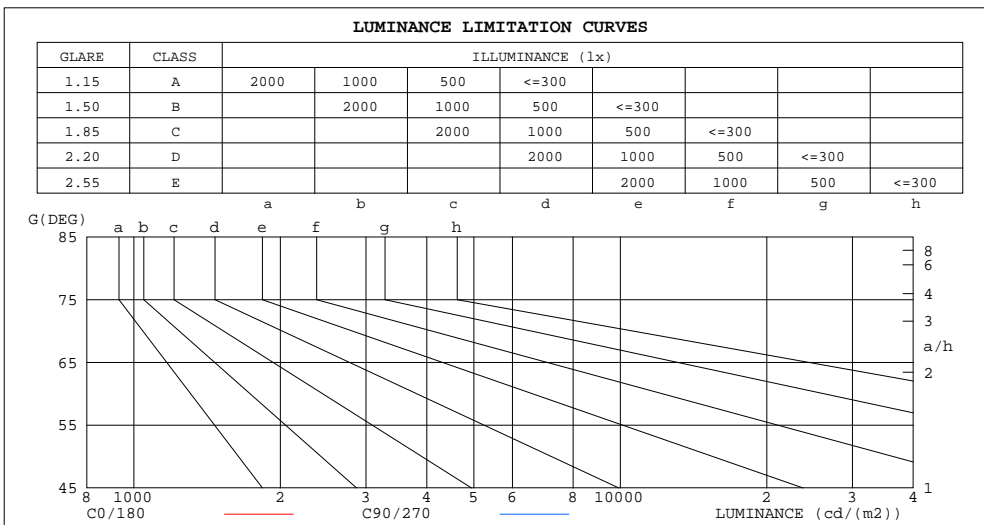
%lum = 94.5%
%lamp = 94.5%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2018-07-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3825]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	426668	302087
80	262051	204995
75	189128	159514
70	157752	138977
65	148276	133306
60	151454	140730
55	172618	166958
50	222827	276937
45	424770	671606

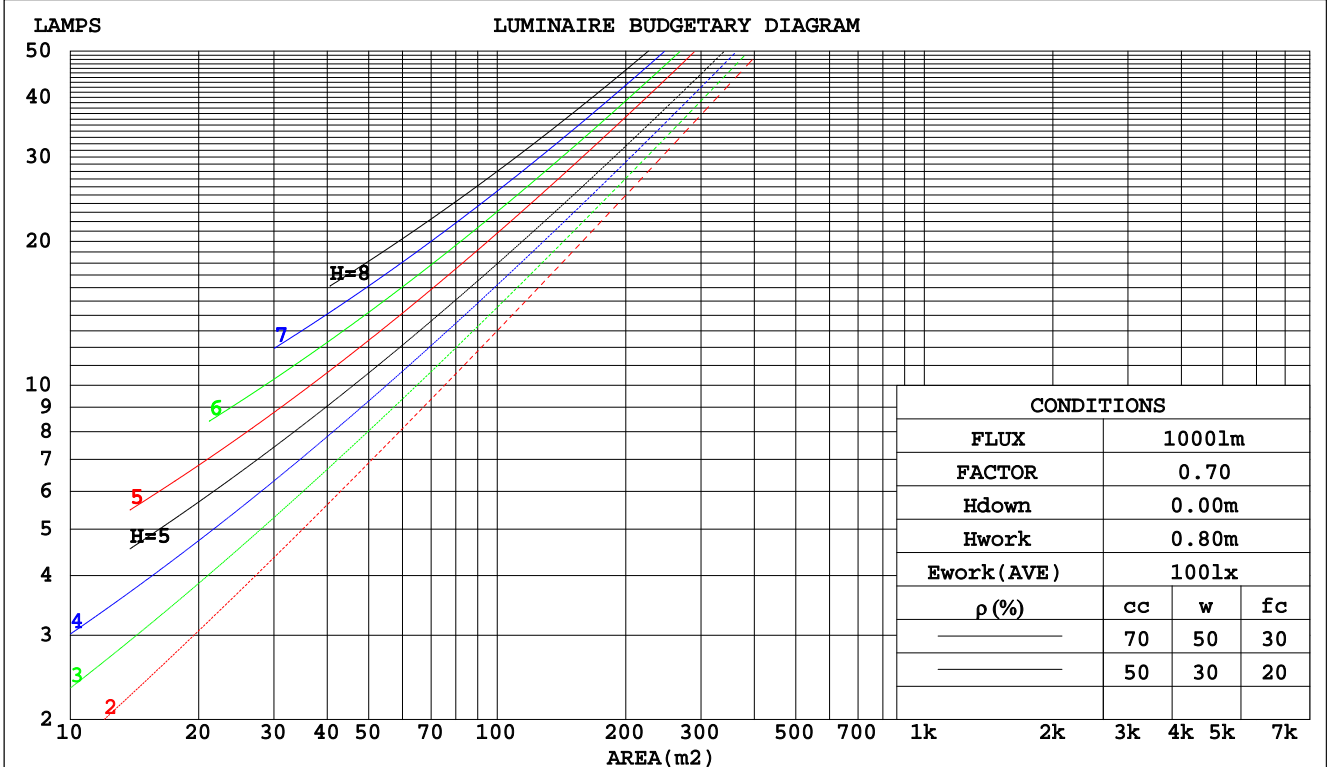
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: William
 Test Date: 2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.3825]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.93	.88	.96	.91	.87	.93	.89	.85	.90	.86	.83	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.69	.80	.73	.68	.78	.72	.67	.75	.70	.67	.73	.69	.66	.64
5.0	.74	.67	.61	.73	.66	.61	.71	.65	.60	.69	.64	.60	.68	.63	.59	.57
6.0	.68	.61	.55	.67	.60	.55	.65	.59	.55	.64	.58	.54	.62	.57	.54	.52
7.0	.62	.55	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.58	.53	.49	.47
8.0	.58	.50	.45	.57	.50	.45	.56	.49	.45	.55	.49	.45	.53	.48	.44	.43
9.0	.53	.46	.41	.53	.46	.41	.52	.45	.41	.51	.45	.41	.50	.44	.41	.39
10.0	.49	.42	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.46	.41	.37	.36



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

WEC AND CCEC

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.230	.131	.041	.223	.127	.040	.210	.120	.038	.198	.114	.037	.187	.108	.035	
2.0	.219	.120	.037	.213	.117	.036	.202	.112	.035	.192	.108	.034	.182	.103	.033	
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.097	.030	
4.0	.197	.102	.030	.192	.101	.030	.184	.097	.029	.176	.094	.028	.168	.091	.028	
5.0	.186	.095	.027	.182	.094	.027	.175	.091	.027	.168	.088	.026	.161	.086	.026	
6.0	.176	.088	.025	.173	.087	.025	.166	.085	.025	.160	.083	.024	.154	.081	.024	
7.0	.167	.083	.023	.164	.082	.023	.158	.080	.023	.153	.078	.023	.147	.077	.023	
8.0	.159	.078	.022	.156	.077	.022	.151	.075	.022	.146	.074	.021	.141	.072	.021	
9.0	.151	.073	.020	.149	.073	.020	.144	.071	.020	.139	.070	.020	.135	.069	.020	
10.0	.144	.069	.019	.142	.069	.019	.137	.067	.019	.133	.066	.019	.129	.065	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.177	.159	.143	.151	.136	.123	.103	.094	.085	.060	.054	.049	.019	.017	.016	
2.0	.164	.134	.109	.141	.116	.094	.097	.080	.066	.056	.046	.038	.018	.015	.013	
3.0	.154	.116	.085	.132	.100	.074	.091	.069	.052	.053	.041	.030	.017	.013	.010	
4.0	.146	.102	.068	.125	.088	.059	.086	.061	.042	.050	.036	.025	.016	.012	.008	
5.0	.138	.091	.056	.119	.079	.048	.082	.055	.034	.047	.032	.020	.015	.011	.007	
6.0	.132	.082	.046	.113	.071	.040	.078	.050	.029	.045	.029	.017	.015	.010	.006	
7.0	.126	.075	.039	.108	.065	.034	.075	.046	.024	.043	.027	.015	.014	.009	.005	
8.0	.120	.069	.034	.103	.060	.030	.071	.042	.021	.042	.025	.013	.013	.008	.004	
9.0	.115	.064	.030	.099	.056	.026	.069	.039	.018	.040	.023	.011	.013	.008	.004	
10.0	.110	.060	.027	.095	.052	.023	.066	.037	.016	.038	.022	.010	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm										
NAME: Flood Light					TYPE:LED			WEIGHT:N/A		
SPEC.:N/A					DIM.:			SERIAL No.:N/A		
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD					SUR.:			Shielding Angle:N/A		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	32.0	33.2	32.2	33.4	33.6	33.0	34.2	33.2	34.4	34.6
3H	32.1	33.2	32.4	33.4	33.6	33.0	34.1	33.3	34.3	34.6
4H	32.2	33.3	32.5	33.5	33.8	33.1	34.1	33.4	34.3	34.6
6H	32.5	33.5	32.9	33.8	34.0	33.2	34.2	33.5	34.4	34.7
8H	32.8	33.7	33.1	34.0	34.3	33.3	34.2	33.6	34.5	34.8
12H	33.1	34.0	33.4	34.3	34.6	33.4	34.3	33.7	34.6	34.9
4H 2H	31.9	32.9	32.2	33.2	33.4	32.9	33.9	33.2	34.1	34.4
3H	32.1	33.0	32.5	33.3	33.6	33.0	33.9	33.3	34.1	34.4
4H	32.4	33.2	32.7	33.5	33.8	33.1	33.9	33.4	34.2	34.5
6H	32.8	33.5	33.2	33.9	34.2	33.3	34.0	33.7	34.3	34.7
8H	33.2	33.8	33.6	34.2	34.6	33.4	34.1	33.8	34.5	34.8
12H	33.6	34.2	34.1	34.6	35.0	33.6	34.3	34.1	34.6	35.0
8H 4H	32.4	33.0	32.8	33.4	33.8	33.0	33.7	33.4	34.1	34.4
6H	32.9	33.5	33.3	33.9	34.3	33.3	33.9	33.7	34.3	34.7
8H	33.4	33.8	33.8	34.3	34.7	33.5	34.0	34.0	34.4	34.9
12H	34.0	34.4	34.5	34.9	35.3	33.8	34.3	34.3	34.7	35.2
12H 4H	32.3	32.9	32.8	33.3	33.7	33.0	33.6	33.4	34.0	34.4
6H	32.9	33.4	33.4	33.8	34.3	33.3	33.8	33.8	34.2	34.7
8H	33.4	33.8	33.9	34.3	34.8	33.6	34.0	34.1	34.4	34.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 2.2					+ 2.0 / - 3.6				
1.5H	+ 2.1 / - 2.3					+ 3.0 / - 4.1				
2.0H	+ 1.9 / - 0.8					+ 3.5 / - 2.0				

CIE Pub.117, 24659 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 11.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

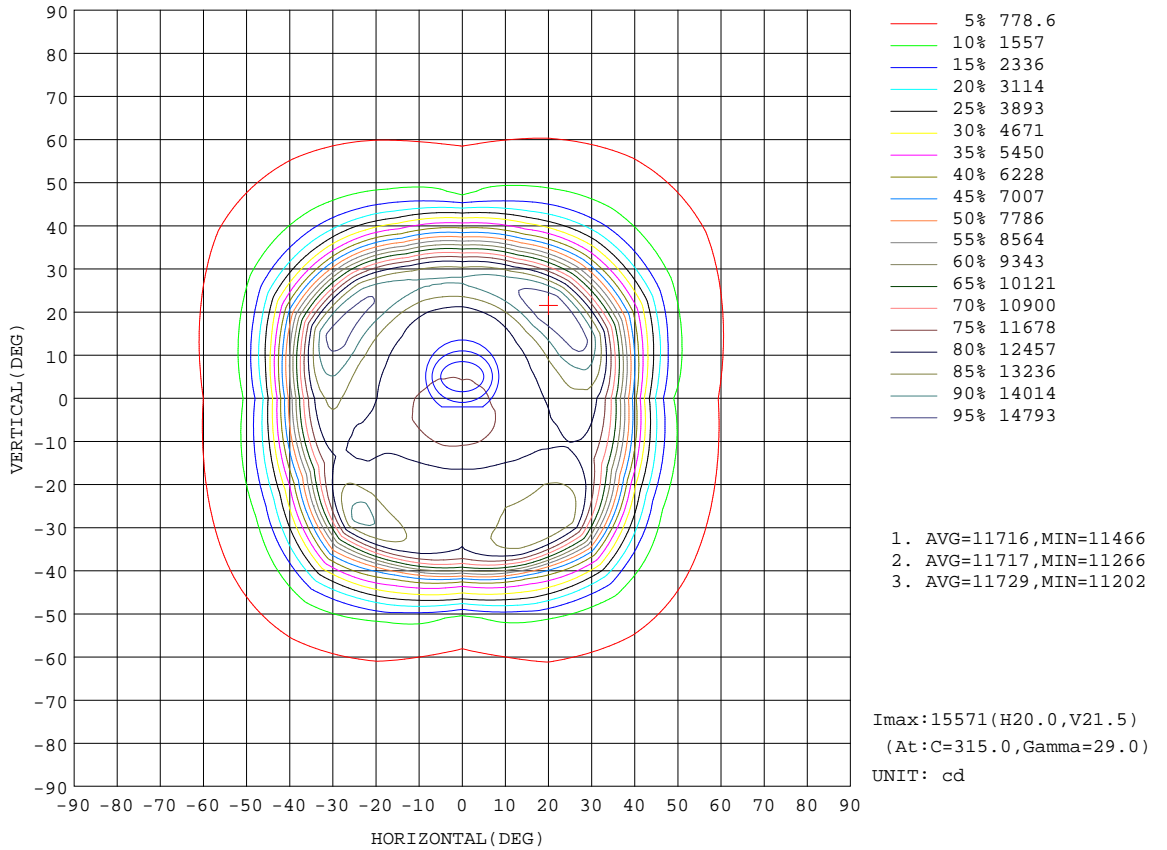
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	75	66	61	74	66	61	73	66	61	56
0.80	84	76	71	83	75	71	82	75	70	65
1.00	91	83	78	90	82	78	88	83	77	72
1.25	96	89	84	95	88	84	93	87	83	78
1.50	100	93	88	98	92	88	96	91	87	81
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	100	97	90
4.00	111	107	104	109	105	103	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

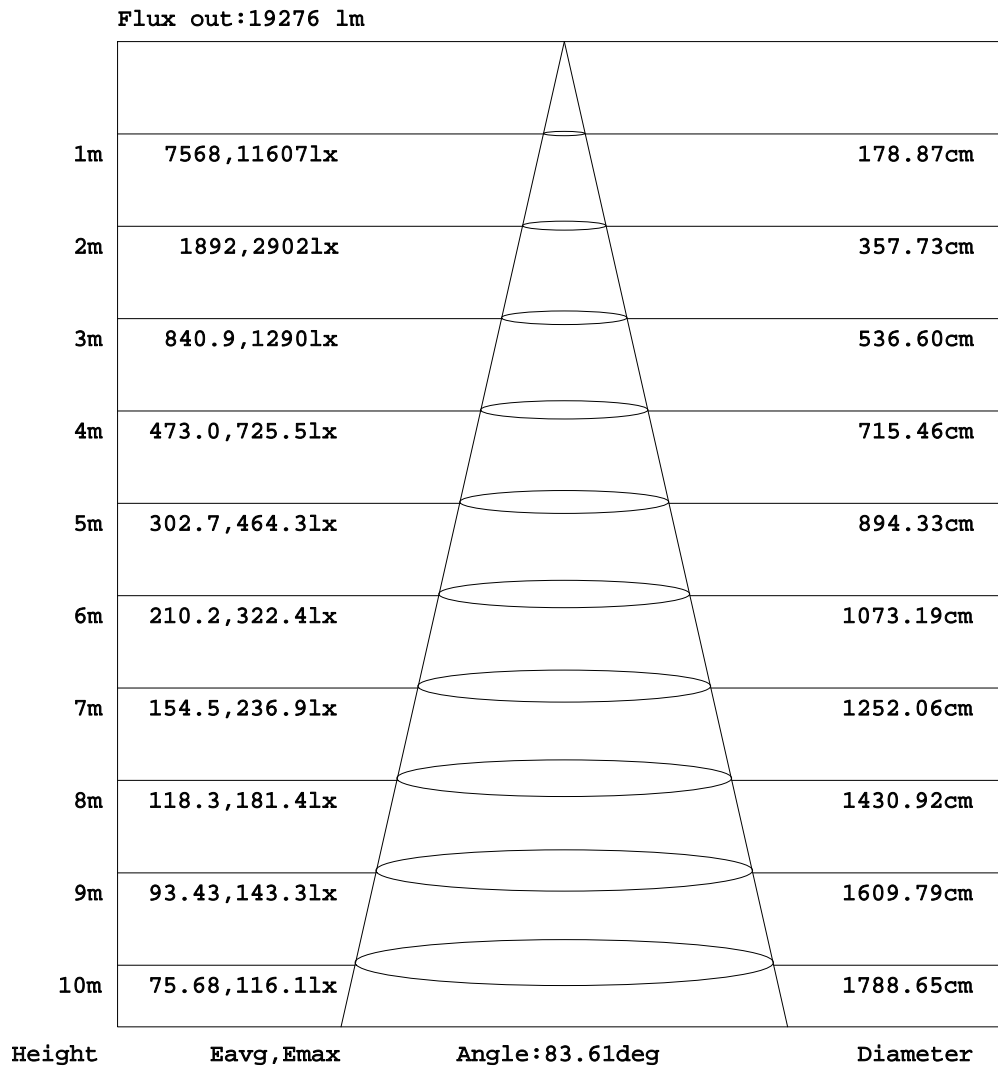


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

AAI Figure

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A



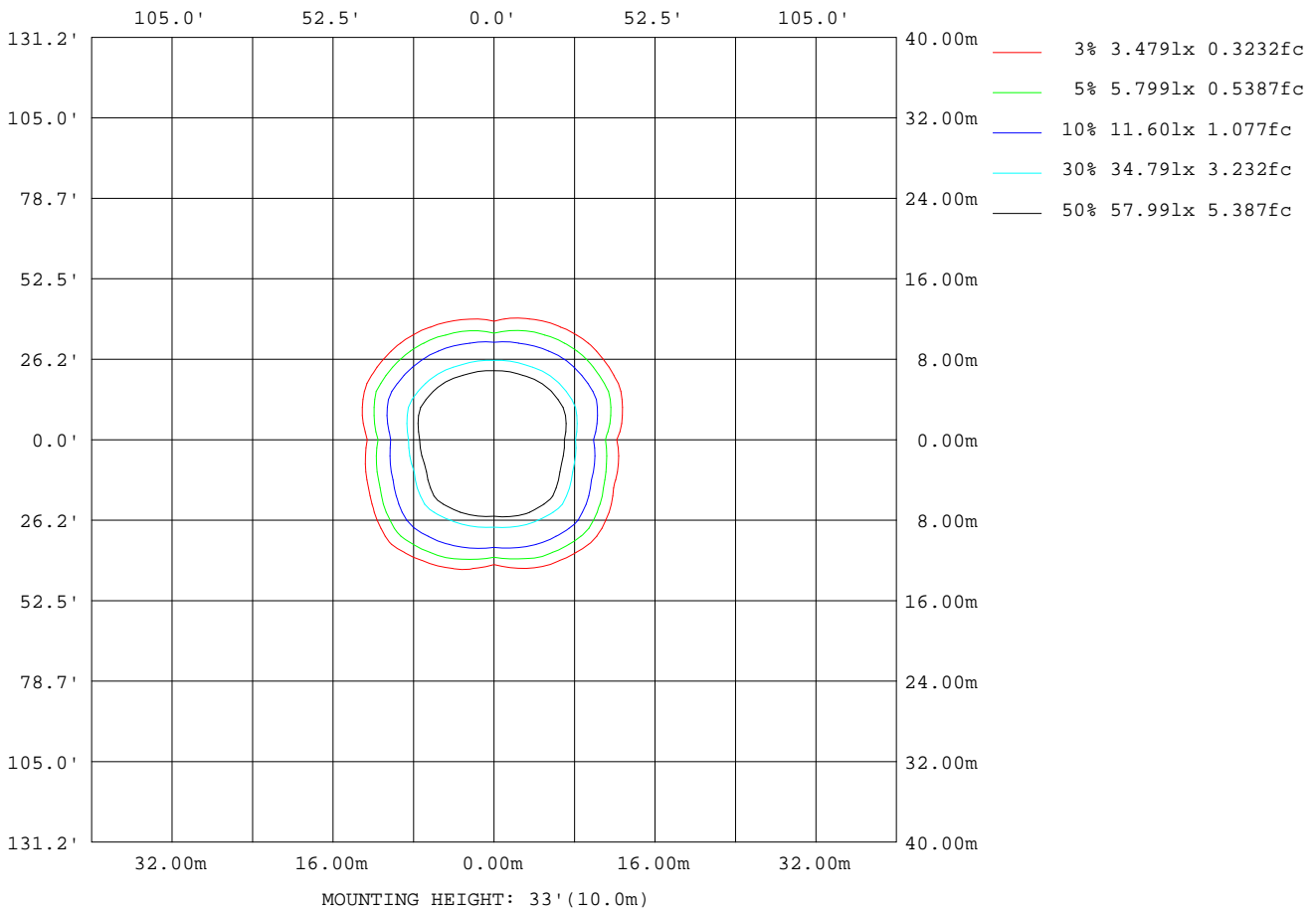
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

ISOLUX DIAGRAM

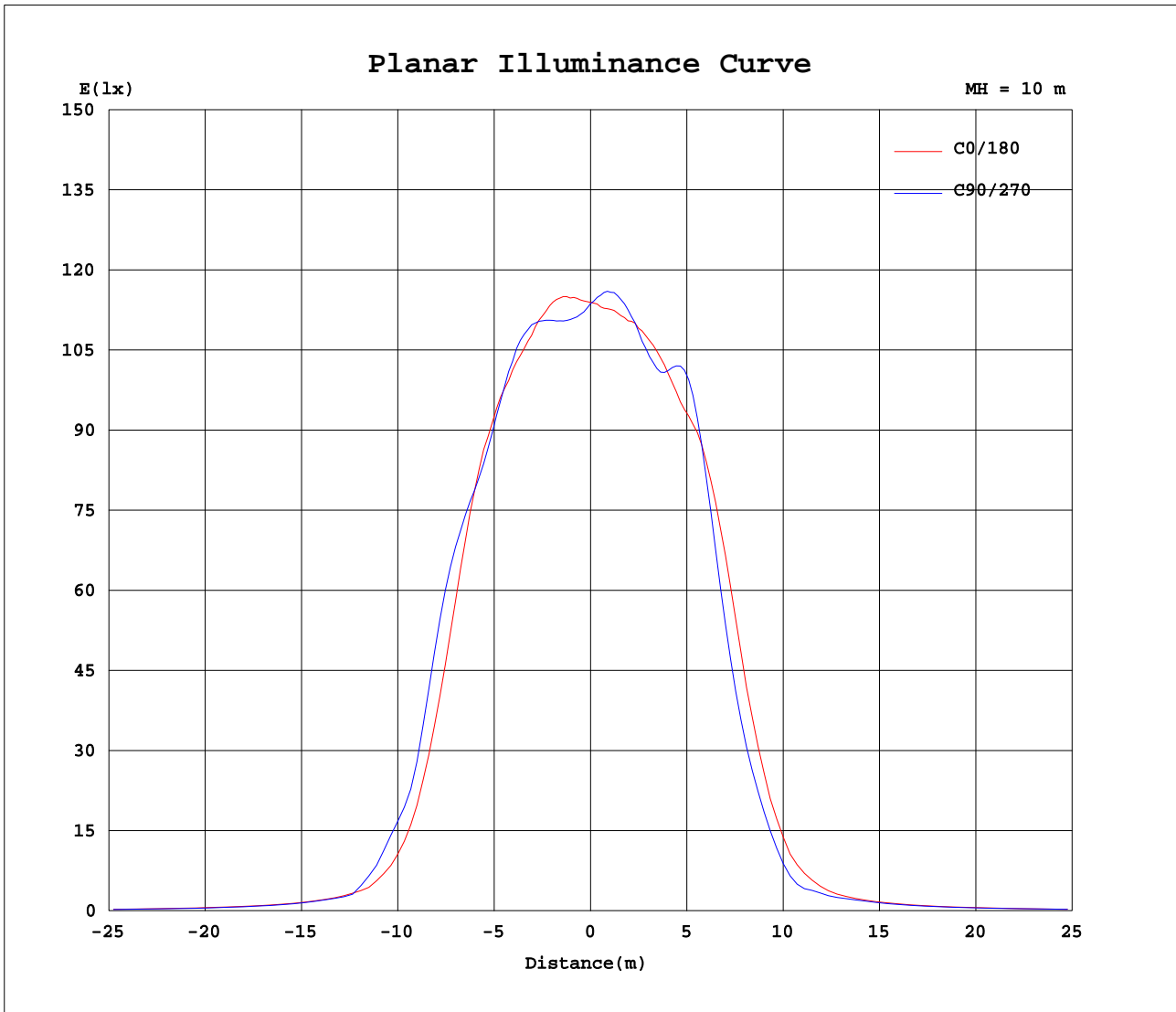
Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3825]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: William
Test Date: 2018-07-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 65.7%
Test Distance: 26.000m [K=1.3825]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.97V I:0.9242A P:200.09W PF:0.9842 Freq:50.01Hz Lamp Flux:24659.2x1 lm		
NAME: Flood Light	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: SHENZHEN YOUWIN OPTRONICS CO.,LTD	SUR.:	Shielding Angle:N/A

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136			
5	1159	1146	1137	1126	1122	1120	1121	1126	1138	1145	1162	1167	1173	1175	1173	1170			
10	1196	1174	1165	1158	1156	1150	1146	1149	1160	1175	1186	1187	1189	1198	1206	1209			
15	1224	1202	1210	1217	1224	1220	1210	1193	1202	1202	1205	1191	1183	1204	1225	1238			
20	1250	1217	1249	1275	1286	1280	1254	1227	1244	1247	1245	1216	1215	1251	1289	1289			
25	1289	1233	1293	1308	1283	1283	1276	1227	1277	1327	1349	1345	1369	1418	1469	1421			
30	1271	1221	1360	1348	1250	1288	1324	1255	1339	1482	1481	1389	1342	1406	1544	1513			
35	1054	1105	1395	1373	1240	1325	1446	1172	1208	1457	1339	1066	976	1046	1255	1323			
40	648	781	1189	1104	922	1064	1234	832	806	1087	900	645	585	645	828	914			
45	300	417	720	562	475	582	777	490	390	630	496	340	250	341	476	532			
50	143	200	370	303	178	318	430	251	175	308	242	169	127	179	236	268			
55	98.8	108	165	128	95.7	135	208	129	105	153	136	108	95.9	114	138	142			
60	75.5	83.2	98.6	88.6	70.3	89.3	109	88.6	77.7	101	96.1	83.2	72.0	86.3	97.4	97.2			
65	62.5	67.3	71.5	69.4	56.3	68.9	73.5	70.2	62.8	75.4	72.6	65.5	58.7	67.0	74.3	75.5			
70	53.8	49.0	46.3	45.8	47.5	46.2	46.9	50.2	53.5	54.5	48.2	44.6	51.2	48.0	49.9	54.8			
75	48.8	36.9	34.3	32.6	41.3	32.3	33.4	36.9	47.1	39.8	33.2	32.8	44.6	35.2	36.8	40.9			
80	45.4	28.5	27.1	22.6	35.6	22.5	26.6	28.1	44.7	29.7	25.9	21.8	40.3	24.0	28.8	31.0			
85	37.1	22.3	21.8	16.1	26.3	15.8	19.7	19.1	38.6	18.6	19.4	13.3	31.7	14.5	21.0	21.7			
90	6.65	4.26	3.91	2.35	1.39	0.52	0.29	0.16	1.45	1.77	3.00	2.99	2.81	4.35	5.56	5.91			
95	0.12	0.10	0.09	0.07	0.09	0.07	0.07	0.09	0.11	0.09	0.08	0.09	0.09	0.09	0.09	0.10			
100	0.12	0.10	0.10	0.07	0.09	0.07	0.31	0.24	0.14	0.12	0.40	0.12	0.12	0.11	0.25	0.12			
105	1.84	0.17	0.10	0.07	0.09	0.07	0.11	0.23	2.78	0.22	0.16	0.14	0.13	0.13	0.17	0.17			
110	0.17	0.15	0.11	0.07	0.09	0.07	0.11	0.14	0.21	0.20	0.20	0.17	0.17	0.17	0.25	0.23			
115	0.17	0.18	0.12	0.07	0.09	0.07	0.12	0.14	0.25	0.27	0.29	0.23	0.20	0.24	0.43	0.36			
120	0.29	0.35	0.22	0.11	0.09	0.09	0.19	0.26	0.41	0.43	0.46	0.36	0.30	0.39	0.71	0.57			
125	0.58	0.67	0.50	0.30	0.25	0.28	0.42	0.57	0.65	0.63	0.64	0.50	0.45	0.58	1.01	0.82			
130	0.98	1.12	0.93	0.70	0.57	0.59	0.76	0.95	0.99	0.86	0.87	0.67	0.70	0.79	1.20	1.12			
135	1.57	1.54	1.38	1.23	1.04	1.09	1.18	1.44	1.33	1.12	1.11	1.16	1.15	1.16	1.51	1.47			
140	2.20	2.08	1.96	1.84	1.70	1.78	1.81	2.04	1.76	1.46	1.39	1.55	1.55	1.63	1.88	1.83			
145	2.68	2.56	2.48	2.39	2.31	2.38	2.40	2.46	2.09	1.83	1.72	1.98	2.03	2.07	2.22	2.18			
150	2.97	2.97	2.99	2.86	2.78	2.79	2.88	2.78	2.41	2.21	2.08	2.27	2.39	2.44	2.51	2.48			
155	3.05	3.13	3.16	3.07	2.98	2.97	3.01	2.97	2.72	2.59	2.37	2.50	2.62	2.72	2.72	2.77			
160	3.12	3.13	3.18	3.10	3.13	3.04	3.01	3.04	2.90	2.78	2.57	2.60	2.69	2.72	2.78	2.83			
165	3.38	3.17	3.19	3.27	3.24	3.19	3.25	3.37	2.90	2.88	2.70	2.72	2.74	2.78	2.85	2.93			
170	3.48	3.24	3.36	3.40	3.45	3.37	3.44	3.61	3.03	3.03	2.97	2.95	2.98	3.02	3.09	3.11			
175	3.70	3.37	3.47	3.49	3.43	3.47	3.54	3.72	3.37	3.38	3.16	3.18	3.13	3.15	3.24	3.24			
180	3.72	3.38	3.47	3.27	3.24	3.33	3.44	3.60	3.58	3.65	3.38	3.45	3.26	3.24	3.33	3.43			

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